

ABSTRACT

This invention discloses a packet service scheduling unit and the method thereof, which performs scheduling for the packet service that comes from the line unit and the data serviceaccess processing unit in the digital communication system, and the packet service scheduling unit includes: a mapping module, a de-mapping module, an encapsulating module, a decapsulating module and a packet scheduling module. After entering the service scheduling unit, the sservices needing to be scheduled go through the mapping/de-mapping module and the encapsulating/decapsulating module, arrive at the scheduling module for final scheduling This method of scheduling the services can achieve the 1+1 or 1:1 protect function of the service scheduling module. The usage of this method can achieve different granularities of the mapping/de-mapping, different protocol encapsulating and can efficiently decrease the total cost of the system.